| _  | ę.   |                      |                                |                           |  |   |                  | •     | <u> </u>           |                        | l     | @ ?                 | 3  |
|--|--|----------------------|--------------------------------|---------------------------|--|---|------------------|-------|--------------------|------------------------|-------|---------------------|--|
| PATENT APPLICATION FEE DETERMINATION RECORD  Effective December 29, 1999  Application or Docket Number  O 9 503758   |  |                      |                                |                           |  |   |                  |       |                    |                        |       |                     |  |
|  | CLAIMS AS FILED - PART I (Column 1) (Column 2)                           |                      |                                |                           |  |   |                  |       | SMALL ENTITY OTHER |                        |       |                     |  |
| F  | OR   |                      |                                | NUMBER FILED NUMBER EXTRA |  |   |                  |       | RATE               | FEE                    | OF    |                     | LENTITY  |
| BASIC FEE  |  | - ;                  |                                |                           | The Mary                                     |   |                  |       | <del></del>        |                        | RATE  | FEE 690.00          |  |
| TOTAL CLAIMS   |  |                      | 59                             | 9 minus 20= • 39          |  |   |                  |       | X\$ 9=             | 3 10.0.                | 100   |                     |  |
| INDEPENDENT CLAIMS   |  |                      | 19                             | 15 minus 3 = 13           |  |   |                  |       | -                  |                        |       | <b> </b>            | 702  |
| М  | ULTIPLE DEPE   | NDENT                | CLAIM F                        | PRESENT                   |  |   |                  | 1     | X39=               | <u> </u>               | OR    | X78=                | 936  |
| • ,  | the difference   | o io ool             | umm d la                       | loop there                |  | 4 640                                     |                  | j     | +130=              |                        | OR    | +260=               |  |
|  | * If the difference in column 1 is less than zero, enter "0" in column 2 |                      |                                |                           |  |   |                  | TOTAL |                    | OR                     | TOTAL | 2328                |  |
| Ę  |  |                      | S'AS7<br>umn 1)                | AMENDE                    |  |   | (O-t 0)          |       | CHAALI             | CAITIEN/               | _     | OTHER               | THAN   |
| A  |  | . CL                 | AIMS                           |                           |  | HIGHEST                                   | (Column 3        | 1     | SMALL              | ADDI                   | 7     | SMALL               | <del></del>                                      |
| ENT  |  | Al                   | IAINING<br>ETER<br>NDMENT      |                           | PF   | NUMBER<br>REVIOUSLY<br>PAID FOR           | PRESENT<br>EXTRA |       | RATE               | TIONAL                 |       | RATE                | ADDI-<br>TIONAL<br>FEE                           |
| AMENDMENT  | Total  | . (                  | 70                             | Minus                     | ••   | 59  | =                |       | X\$ 9=             | ,,,,,                  | OR    | X\$18=              | 18   |
| AME  | Independent  | · )                  | 5_                             | Minus                     |  | (7)                                       | = .              |       | X39=               |                        | OR    | X78=                | 1  |
|  | FIRST PRESENTATION O   |                      |                                | OLTIPLE DE                | PEND   | DENT CLAIN                                | A                | J     | +130=              | -                      | 1     | +260=               | <del>                                     </del> |
| í  |  | $\mathcal{L}$        |                                | ,                         |  |   |                  | .     | TOTAL              |                        | OR    | TOTAL               | 2/2/11   |
| ا .  | 12310  | A(Coll               | umn 1) <sup>.</sup>            |                           | (Column 2)                                   |   | (Column 3)       |       | ADDIT. FEE         | <u> </u>               | OR    | ADDIT. FEE          |  |
| NOMENT B   |  | REM.                 | AIMS<br>AINING<br>TER<br>DMENT |                           | PR   | HIGHEST<br>NUMBER<br>EVIOUSLY<br>VAID FOR | PRESENT<br>EXTRA |       | RATE               | ADDI-<br>TIONAL<br>FEE |       | RATE                | ADDI-<br>TIONAL<br>FEE                           |
|  | Total  | 6                    | 0                              | Minus                     | <u>                                     </u> | 60  | 1                |       | X\$Q=              |                        | OR    | X\$18=              | 1.55   |
| AME  | Independent  | <u>  •     )</u>     | 5                              | Minus                     | ***  | 15  |                  |       | X39=               |                        | 1 1   | X78=                |  |
|  | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM                           |                      |                                |                           |  |   |                  |       |                    |                        | OR    | · ·                 |  |
|  | 201  |                      |                                |                           |  |   |                  | L     | +130=              |                        | OR    | +260=               |  |
| 4  | 1,102  | ساست                 | 41                             |                           |  |   |                  | A     | DDIT. FEE          |                        | OR    | TOTAL<br>ADDIT. FEE |  |
| ا ر  |  | CLA                  | mn 1)                          |                           | Н  | olumn 2)<br>IGHEST                        | (Column 3)       | -     | <u> </u>           | 105:                   |       |                     |  |
| AMENDMENIC   |  | REMA<br>AFI<br>AMENI | ER                             |                           | PRE  | UMBER<br>EVIOUSLY<br>ND FOR               | PRESENT<br>EXTRA |       | RATE               | ADDI-<br>TIONAL<br>FEE |       | RATE                | ADDI-<br>TIONAL                                  |
|  | Total  | · (O.                | <b>3</b> ×                     | Minus                     | (  | 60  | - 5              | f     | X\$ 9= ·           |                        | 25    | X\$18=              | FEE<br>Po  |
|  | Independent  | .  -                 |                                | Minus                     | ***  | 15  | - 2              | -     |                    |                        | OR    |                     | 10   |
| <u> </u>   | FIRST PRESE  | NTATION              | OF MU                          | LTIPLE DEP                | ENDE   | NT CLAIM                                  |                  | -     | X39=               |                        | OR    | 84                  | 168  |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  |  |                      |                                |                           |  |   |                  |       |                    |                        |       |                     |  |
| 11   | the "Highest Nun   | nber Previ           | iousty Pai                     | d For IN THIS             | SPAC   | Fie lace than                             | 20 antar "20 "   | AD    | .TOTAL<br>DIT. FEE |                        | OR A  | TOTAL<br>ODIT. FEE  | 2604   |
| The "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."  ADDIT. FEE ADDIT |  |                      |                                |                           |  |   |                  |       |                    |                        |       |                     |  |

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

2013

Application or Docket Number

## PATENT APPLICATION FEE DETERMINATION RECORD Effective January 1, 2003

09/503768

| CLAIMS A   | S FILED - PART I  | SMALL ENTITY                            | OTHER THAN         |  |  |  |  |  |
|--|---|---|--------------------|--|--|--|--|--|
| TOTAL CLAIMS   | (Column 1) (Column 2)   | TYPE                                    | OR SMALL ENTITY    |  |  |  |  |  |
| FOR  | NUMBER FILED NUMBER EXTR  | RATE FEE  BASIC FEE \$375               | RATE FEE           |  |  |  |  |  |
| TOTAL CHARGEABLE CLAIMS  |   | 1 45/5                                  | OR BASIC FEE \$750 |  |  |  |  |  |
| INDEPENDENT CLAIMS   | minus 20=  *  | X\$ 9=                                  | OR X\$18=          |  |  |  |  |  |
| MULTIPLE DEPENDENT CLAIM PR  | minus 3 = V/  | X42=                                    | OR X84=            |  |  |  |  |  |
| 2  |   | +140=                                   | OR +280=           |  |  |  |  |  |
| 'If the difference in column 1 is I  | ess than zero, enter "0" in column 2  | TOTAL                                   | OR TOTAL           |  |  |  |  |  |
| DIA OU (Column 1)  | MENDED - PART II(Column 2) (Column  | OTHER THAN SMALL ENTITY OR SMALL ENTITY |                    |  |  |  |  |  |
| CLAIMS REMAINING AFTER AMENDMENT   | HIGHEST NUMBER PRESEN PREVIOUSLY EXTRA PAID FOR   | ADDI                                    | RATE TIONAL<br>FEE |  |  |  |  |  |
| 100  | Minus ** (55 = )  | <b>X</b> \$ 9=                          | OR X\$18=          |  |  |  |  |  |
| Independent * FIRST PRESENTATION OF MUL  | Minus *** 7 = C   | X42=                                    | OR X84=            |  |  |  |  |  |
| ) De la companya de l |   | +140=                                   | OR +280=           |  |  |  |  |  |
| 2/20/20  |   | TOTAL<br>ADDIT, FEE                     | OR ADDIT. FEE      |  |  |  |  |  |
| 2 22 05 (Column 1)<br>CLAIMS   | (Column 2) (Column  | ~~ · · · · · · · · · · · · · · · · · ·  |                    |  |  |  |  |  |
| REMAINING<br>AFTER<br>AMENDMENT  | NUMBER PRESENT PREVIOUSLY PAID FOR  | RATE TIONAL<br>FEE                      | RATE TIONAL<br>FEE |  |  |  |  |  |
|  | linus ** (5) = (1)  | X\$9= C                                 | OR X\$18=          |  |  |  |  |  |
| Independent  | linus *** 17  | X42= C                                  | OR X84=            |  |  |  |  |  |
| SQ.  | THE DEPENDENT CLANVI  |   | +280=              |  |  |  |  |  |
|  | · 2   | TOTAL                                   | TOTAL              |  |  |  |  |  |
| 05 (Column 1)  | (Column 2) (Column 3  | ADDIT. FEE                              | ADDIT FEE          |  |  |  |  |  |
| CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT  | HIGHEST NUMBER PRESENT PREVIOUSLY PAID FOR  PAID FOR  | RATE TIONAL                             | RATE TIONAL        |  |  |  |  |  |
|  | nus ** (5) = (7)  | FEE OF                                  | FEE FEE            |  |  |  |  |  |
| Independent *  | nus *** 17 =  | 1                                       | '                  |  |  |  |  |  |
| FIRST PRESENTATION OF MULTI  | PLE DEPENDENT CLAIM   | X42= OF                                 | X84=               |  |  |  |  |  |
| f the entry in column 1 is less y  |   | +140= OR                                | +280=              |  |  |  |  |  |
| f the entry in column 1 is less than the ent<br>f the "Highest Number Previously Paid Fo<br>f the "Highest Number Previously Paid Fo   | or" IN THIS SPACE is lose than 20, anter "20.   | , TOTAL OR                              | ADDIT. FEE         |  |  |  |  |  |
| The "Highest Number Previously Paid For  | or" IN THIS SPACE is less than 3, enter "3."  "(Total or Independent) is the highest number |   | · •                |  |  |  |  |  |
|  | • • • •   |   | *                  |  |  |  |  |  |

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3013

Application or Docket Number

## PATENT APPLICATION FEE DETERMINATION RECORD Effective January 1, 2003

Effective January 1, 2003 CQ 503758

| ľ  |  | 01.4140              |                       |                                 |  |               |                           |                 | VI                  | <u> </u>            | <u> </u>                              |  |  |
|--|--|----------------------|-----------------------|---------------------------------|--|---------------|---------------------------|-----------------|---------------------|---------------------|---------------------------------------|--|--|
|  |  | CLAIMS               |                       | D - PART I umn 1) (             | · · · · · · · · · · · · · · · · · · ·        |               |                           | L ENTIT         | ′ ′                 | OTHER THAN          |                                       |  |  |
| $\ $   | TOTAL CLAIM  | 1S                   | 1000                  | 51111 1)                        | Column 2)                                    | i a           | TYPE                      |                 | ·                   | LL ENTIT            |                                       |  |  |
| $\ $   | FOR  |                      | NUME                  | BER FILED N                     | UMBER EXTRA                                  |               | RAT<br>BASIC              |                 |                     | RAT                 |                                       |  |  |
| ╟  | TOTAL CHARG  | EABLE CLAIMS         |                       |                                 | TOWN EXTRA                                   | +             | <b> </b> -                | 1 43            | 15                  | DR BASIC F          | SEE \$750                             |  |  |
| ١,   | NDEPENDENT   |                      | -                     | minus 20= *                     |  |               | X\$ 9=                    |                 |                     | OR X\$18            | =  -                                  |  |  |
| ╟  | MULTIPLE DEPE  |                      | PRESENT               | minus 3 =                       |  |               |                           |                 |                     | )R X84=             |                                       |  |  |
| L  |  |                      |                       |                                 |  |               |                           | -   <b>Y</b>    | 0                   | +280=               | V                                     |  |  |
| *  | * If the difference in column 1 is less than zero, enter "0" in column 2   |                      |                       |                                 |  |               | TOTA                      | L               | $\neg$ <sub>0</sub> | R TOTAL             | _                                     |  |  |
| Ç  | CDAIMS AS AMENDED - PART II  |                      |                       |                                 |  |               |                           | <u> </u>        |                     | OTHE                | R THAN                                |  |  |
| ř  | JAUKU:   | CLAIMS               |                       | (Column 2                       | (Column 3)                                   | )<br>7 r      | SMALL ENTITY OR SMALL     |                 |                     |                     |                                       |  |  |
| E  |  | REMAINING<br>AFTER   |                       | NUMBER<br>PREVIOUSL             | PRESENT<br>Y EXTRA                           |               | ADDI-<br>RATE TIONAL RATI |                 |                     |                     | ADDI-<br>TIONA                        |  |  |
| ME   | Total  | AMENDMENT            |                       | · PAID FOR                      | 1  | {             | <del>\</del>              | FEE             |                     | FEE                 |                                       |  |  |
| AMENDMENT  | Independent  | . 10                 | Minus                 | 1 10                            |  | X <b>3</b> 9= |                           | OF              | X\$18=              |                     |                                       |  |  |
| AA   | FIRST PRESI  |                      | _L                    | EPENDENT CLA                    | IM   |               | X42=                      |                 | OF                  | X84=                |                                       |  |  |
|  |  |                      |                       |                                 |  | '             | +140=                     |                 | QF                  | +280=               |                                       |  |  |
|  |  |                      | -                     |                                 |  | A.            | TOTA<br>ODIT, FEI         |                 | OR                  | TOTAL<br>ADDIT: FEE | L                                     |  |  |
| _  | Zagodnika sense  | (Column 1)<br>CLAIMS | The state of the same | (Column 2)                      | (Column 3)                                   | ı             |                           |                 | `                   | •                   |                                       |  |  |
|  |  | REMAINING AFTER      |                       | NUMBER PRESENT PREVIOUSLY EXTRA |  |               | RATE                      | ADDI-<br>TIONAI |                     | RATE                | ADDI-<br>TIONAL                       |  |  |
| WW.  |  | AMENDMENT            |                       | PAID FOR                        | . EXTRA                                      | -  -          |                           | FEE             |                     | HAIL                | FEE                                   |  |  |
| AMENDMENT  | Total Independent  | *                    | Minus                 | 1 0                             | =  |               | X\$ 9=                    | Ì               | OR                  | X\$18=              |                                       |  |  |
| Z  |  | *<br>NTATION OF MI   | Minus                 | PENDENT CLAIR                   | =  <br>                                      |               | X42=                      |                 | OR                  | X84=                |                                       |  |  |
|  |  |                      | 32711 ZZ 3Z           | · ENDERT OBAII                  | <u>"                                    </u> |               | -140=                     |                 | OR                  | +280=               |                                       |  |  |
|  |  |                      |                       |                                 |  | Ļ             | TOTAL                     |                 |                     | TOTAL               |                                       |  |  |
|  |  | (Column 1)           |                       | (Column 2)                      | (Column 3)                                   | ADI           | DIT. FEE                  | <del></del>     | <b>1</b> 011        | ADDIT, FEE          | · · · · · · · · · · · · · · · · · · · |  |  |
| 2  |  | CLAIMS.<br>REMAINING |                       | HIGHEST<br>NUMBER               | PRESENT.                                     | Г             |                           | ADDI-           | ]                   |                     | ADDI-                                 |  |  |
|  |  | AFTER<br>AMENDMENT   |                       | PREVIOUSLY<br>PAID FOR          |  |               | RATE                      | TIONAL<br>FEE   |                     | RATE                | TIONAL<br>FEE                         |  |  |
|  | Total  |                      | Minus                 | **                              | =  | T             | (\$ 9=                    | 166             |                     | X\$18=              | ree                                   |  |  |
|  | Independent  | *                    | Minus                 | ***                             | =.   | -             |                           |                 | OR                  |                     |                                       |  |  |
|  | FIRST PRESEN   | ITATION OF MU        | LTIPLE DEF            | PENDENT CLAIM                   |  | _X            | (42=                      |                 | OR                  | X84≃                |                                       |  |  |
| If   | the entry in column  | n 1 in lane Here H   | 4                     |                                 |  | +1            | 40=                       |                 | OR                  | +280=               |                                       |  |  |
| · 11   | If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  Total ADDIT. FEE ADDIT. FEE |                      |                       |                                 |  |               |                           |                 |                     |                     |                                       |  |  |
| *If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."  The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. |  |                      |                       |                                 |  |               |                           |                 |                     |                     |                                       |  |  |